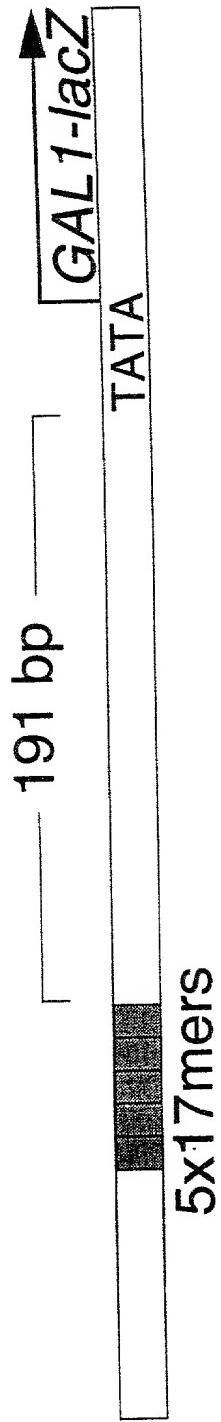


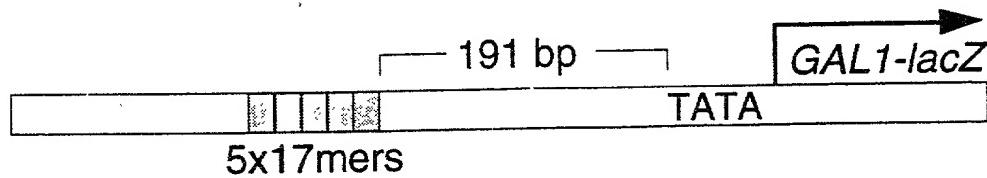
# Transcriptional Activation Depends on Peptide Sequence



Construct	β-gal activity
GAL4(1-881)	2300
GAL4(1-100)	2
GAL4(1-100)+ YLLPTCIP + LIICYPLPT + TPLYLLTCP	4400 100 17

Figure 1

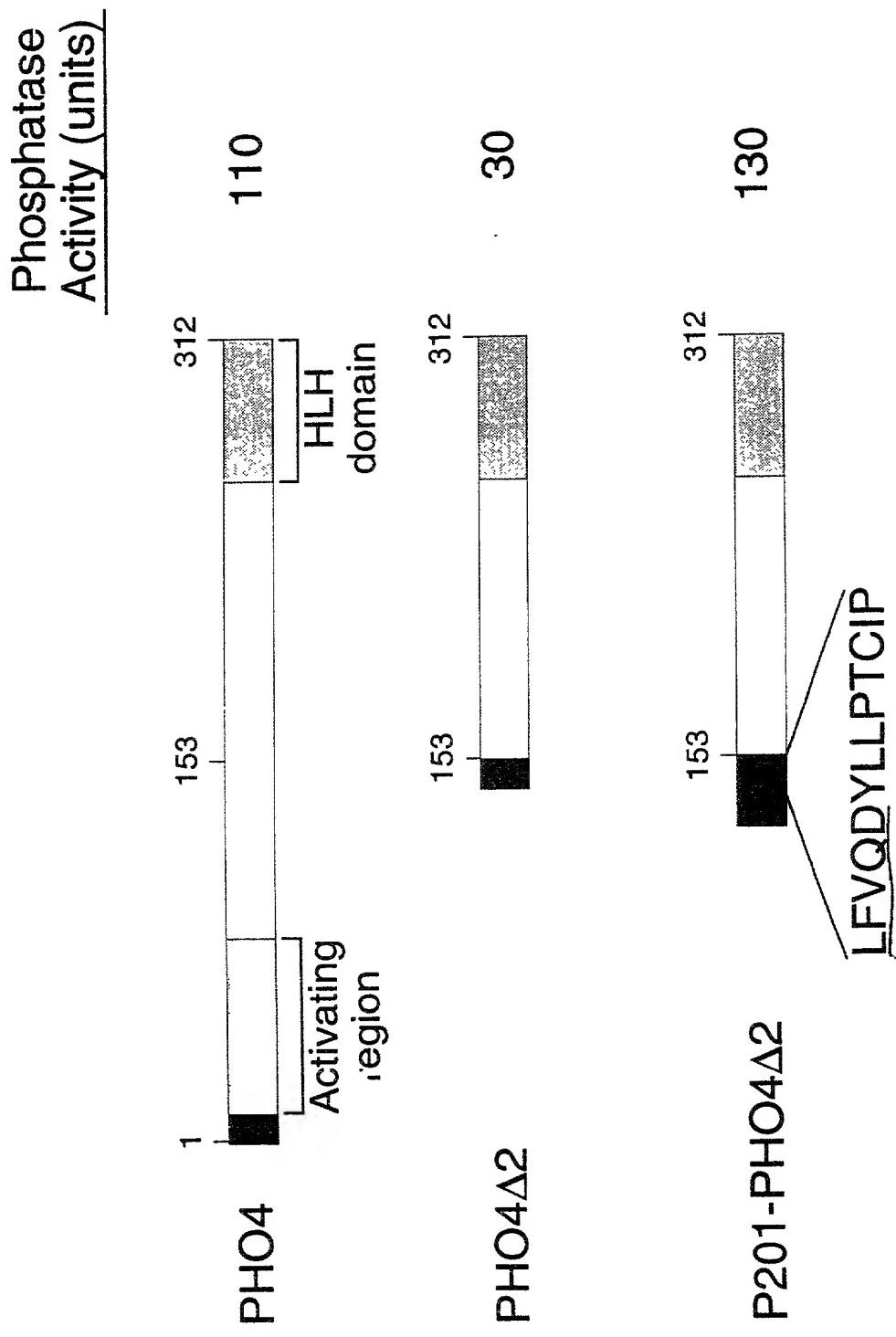
# Residues of the GAL4 DNA Binding Domain Contribute to Peptide Activation



Construct		$\beta$ -gal. activity
GAL4(1-881)		2800
GAL4(1-	91 ALLTGLFVQD 100)	2
GAL4(1-	100 8mer + YLLPTCIP	4400
	ALLTGLFVQ\square + YLLPTCIP	120
	ALLTGLF\square QD + YLLPTCIP	450
	ALLTGLF\square QD + YLLPTCIP	3
	ALLTGL\square VQD + YLLPTCIP	2
	ALLTG\square FVQD + YLLPTCIP	3
	ALLTGLFVQA + YLLPTCIP	4200
	ALLTGLFVAD + YLLPTCIP	3800
	ALLTGLFAQD + YLLPTCIP	100
	ALLTGLAVQD + YLLPTCIP	30

FIGURE 2

# The Peptide Activates Transcription When Fused to the PHO4 DNA Binding Domain



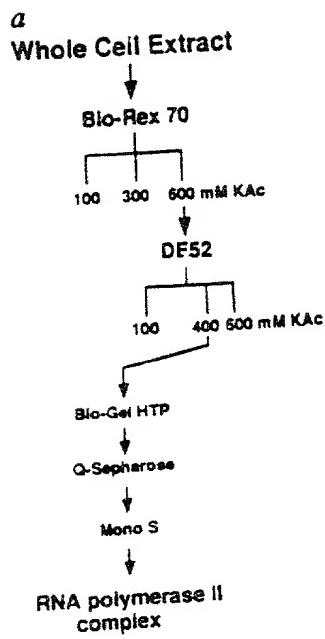
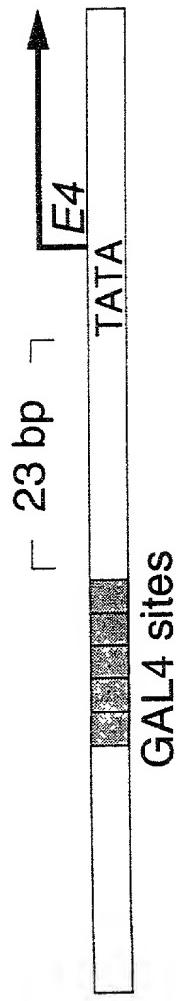
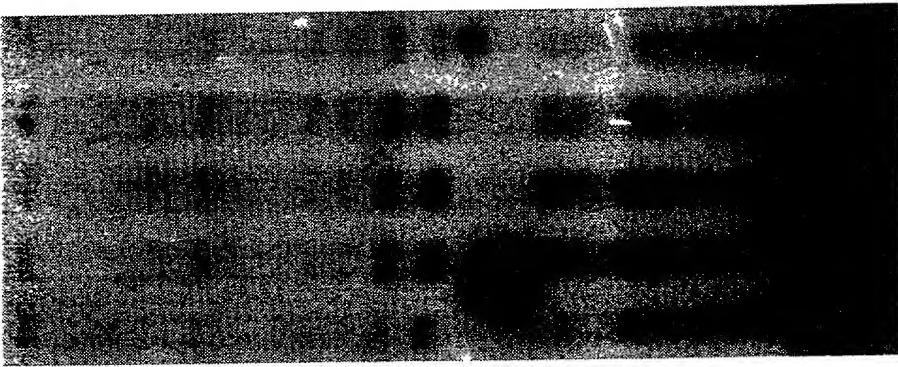


Figure 4

# The Peptide Activates Transcription *In Vitro*



LS201p (ng): 0 1 5 30 100



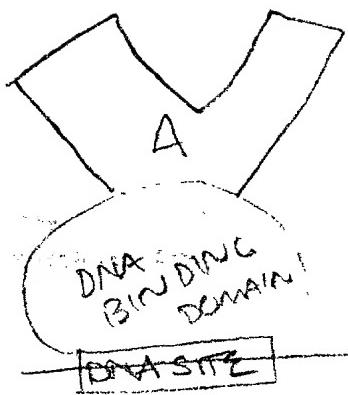
1 2 3 4 5

FIGURE 5

FIGURE 6

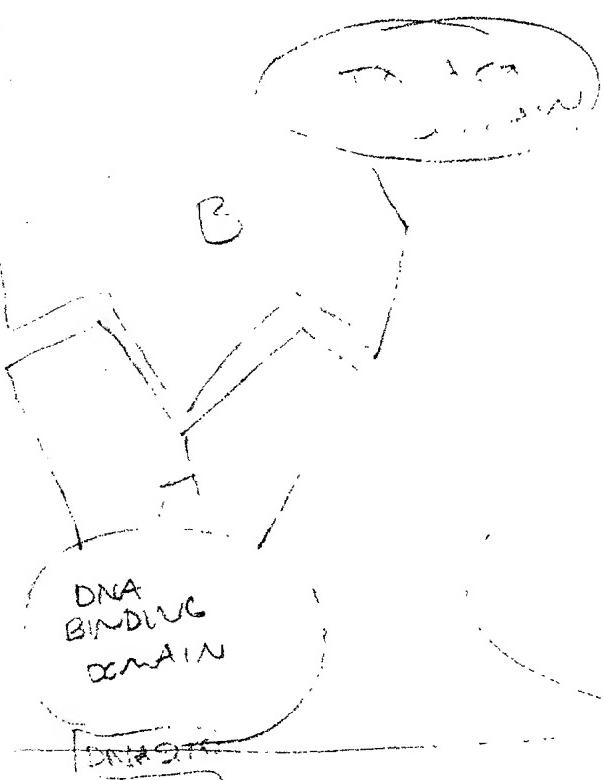


ACCE2 810 MAX - L.A.



REPORTER

OR G



TRANSCRIPTION FACTOR

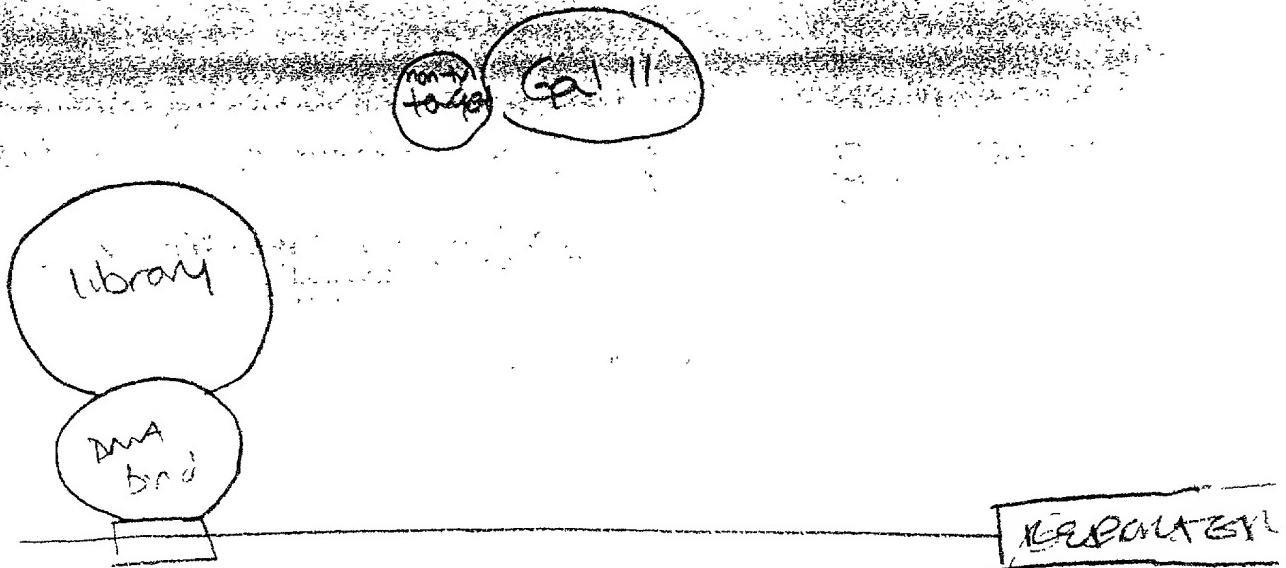
REPORTER

OR F

FIGURE F

DI-HYBRID SCREENS  
EMPLOYING  
Gal-11

2A

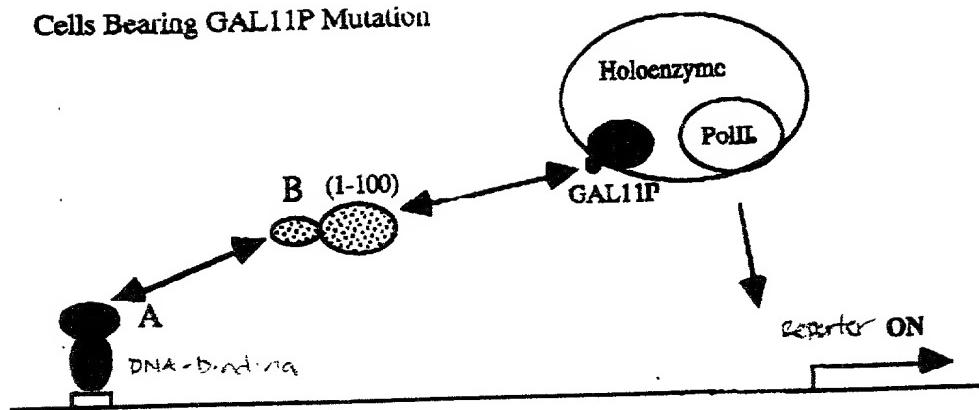


2B



FIGURE 8

## Cells Bearing GAL11P Mutation



## Cells Bearing Wildtype GAL11

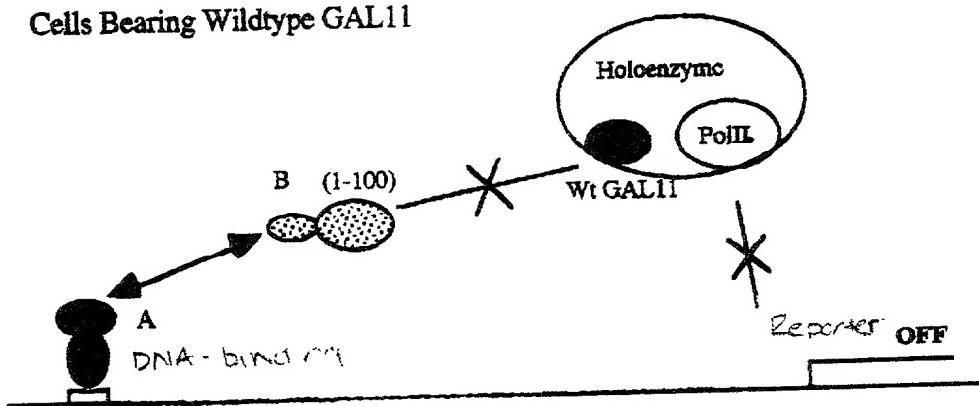


FIGURE 9